

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>C07K 14/00, 16/18, A61K 39/00, G01N 33/574, C12N 9/02</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 98/42736</b> <b>(43) International Publication Date:</b> 1 October 1998 (01.10.98)
<b>(21) International Application Number:</b> PCT/GB98/00878 <b>(22) International Filing Date:</b> 23 March 1998 (23.03.98) <b>(30) Priority Data:</b> 9705949.7 21 March 1997 (21.03.97) GB <b>(71) Applicant (for all designated States except US):</b> PROTEOME SCIENCES PLC [GB/GB]; Coveham House, Downside Bridge Road, Cobham, Surrey KT11 3EP (GB). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> HOCHSTRASSER, Denis, François [CH/CH]; Chemin de la Savonniere 27, CH-1245 Collonge-Bellerive (CH). REYMOND, Marc, Andre [CH/CH]; Chemin des Coprins 3, CH-1222 Vescnaz (CH). <b>(74) Agent:</b> LUCAS, Brian, Ronald; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(54) Title:</b> DIAGNOSIS OF COLORECTAL CANCER AND PROTEINS AND ANTIBODIES FOR USE THEREIN		
<b>(57) Abstract</b> <p>Certain proteins (1A, 1B, 3A, 3B, 3C, 4A, 4B) are present in spots on 2D-PAGE run on protein extracted from epithelial colorectal tumour tissue from patients suffering from colorectal cancer, but are present at a lower intensity or absent in 2D-PAGE run on corresponding normal tissue. These proteins and antibodies thereto are useful in the diagnosis of colorectal cancer.</p> <div data-bbox="714 1197 1380 1953"><p style="text-align: center;"><b>COLORECTAL TUMOR</b></p><p>250 kDa Mr 8 kDa</p><p>4.0 ← pI → 10.0</p><p>Labels: 1A, 1B, 3A-3C, 4A, 4B, 2A, 2B, GRP75, HSPD1</p></div> <p style="text-align: right;"><b>BEST AVAILABLE COPY</b></p>		